

**Amendments to the Specification:**

Please replace the title as follows:

~~NOISE SUPPRESSION CIRCUIT~~

NOISE SUPPRESSING CIRCUIT

Please replace the paragraph beginning on page 2, line 25, with the following rewritten paragraph:

The Published Unexamined Japanese Patent Application Heisei 8-213242 (1996) discloses a choke coil for reducing normal mode noise and common mode noise. The choke coil comprises a pair of windings, and first and second magnetic cores around which the pair of windings are wound. The first magnetic core is made of a low-permeability material while the second magnetic core is made of a high-permeability material. A specific gap is created between the first and second magnetic cores. In this choke coil, when a current of common mode noise is fed through the pair of windings, a magnetic flux produced by the windings attenuates in the second magnetic core, and common mode noise is thereby reduced. When a current of normal mode is fed through the pair of windings in the choke coil, a magnetic flux produced by the windings attenuates in the first magnetic core, and normal mode noise is thereby reduced.

Please replace the paragraph beginning on page 20, line 8, with the following rewritten paragraph:

Since the denominator of the right side of the equation (7) includes  $\omega^2 \cdot M^2$ , the current 'i2' is reduced by increasing the mutual inductance M. As shown in the equation (1), the coupling coefficient K is proportional to the mutual inductance M. Therefore, if the coupling coefficient K is increased, the effect of suppressing common mode ~~signals~~ noise by

the circuit of FIG. 4 is enhanced. Since the mutual inductance  $M$  is included in a form of square in the denominator of the right side of the equation (7), the effect of suppressing common mode noise greatly varies, depending on the value of coupling coefficient  $K$ .

Please replace the paragraph beginning on page 22, line 3, with the following rewritten paragraph:

The noise suppressing circuit further comprises: a first winding  $W11$  inserted to the conductor line 3 at a specific first point  $P11a$ ; a magnetic core 11; a second winding  $W12$  that is inserted to the conductor line 4 at a point  $P11b$  corresponding to the first point  $P11a$  and coupled to the first winding  $W11$  through the core 11, and that suppresses common mode noise in cooperation with the first winding  $W11$ ; and a third winding  $W13$  coupled to the first winding  $W11$  and the second winding  $W12$  through the core 11. The windings  $W11$  and  $W12$  and the core 11 make up a common mode choke coil. That is, the windings  $W11$  and  $W12$  are wound around the core 11 in such directions that, when magnetic fluxes are induced in the core 11 by currents flowing through the windings  $W11$  and  $W12$  when a normal mode current is fed to the windings  $W11$  and  $W12$ , these fluxes are cancelled out by each other. The windings  $W11$  and  $W12$  thereby suppress common mode noise and allow normal mode noise to pass. The numbers of turns of the windings  $W11$ ,  $W12$  and  $W13$  are equal, for example.

Please replace the paragraph beginning on page 23, line 25, with the following rewritten paragraph:

The noise suppressing circuit further comprises a capacitor 16 for the normal mode having an end connected to the conductor line 3 at a point between the terminal 1a and the third point  $P13a$  and having the other end connected to the conductor line 4 at a point

between the terminal 1b and the point P13b corresponding to ~~the terminal 1b and the third~~ point P13a. In the example shown in FIG. 1, in particular, one of the ends of the capacitor 16 is connected to the conductor line 3 at a point between the second point P12a and the third point P13a, and the other of the ends of the capacitor 16 is connected to the conductor line 4 at a point between the point P12b corresponding to the second point P12a and the point P13b corresponding to the third point P13a.